

Pour Foundation Footing Risk Assessment

Business Name:	ABN:	
Business Address:		
Contact Person:	Phone:	Email:

THIS RISK ASSESSMENT IS APPROVED BY THE PCBU ON THE PROJECT

Under the Work Health and Safety Regulation (WHS Regulation), a person conducting a business or undertaking (PCBU) is required to ensure that a RISK ASSESSMENT is prepared before the proposed work starts.

Full Name:		
Signature:	Title:	Date:

CLIENT OR PRINCIPAL CONTRACTOR DETAILS

Client:	SCOPE OF WORKS
Project Name:	
Project Address:	
Project Manager:	
Contact Phone:	
Date Risk Assessment supplied to Project Manager:	

RISK MATRIX									
LIKELIHOOD	INSIGNIFICANT	MINOR	MODERATE	MAJOR	CATASTROPHIC	SCORE	ACTION	HIERARCHY OF CONTROLS	
ALMOST CERTAIN	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4 ACUTE			Elimination Remove the hazard.	
LIKELY	2 MODERATE	3 HIGH	3 HIGH	4 ACUTE	4 ACUTE	4A ACUTE	DO NOT PROCEED	Substitution Replace the hazard.	
POSSIBLE	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	4 ACUTE	3H HIGH	Review before work starts.	Isolation Isolate People from the hazard	
UNLIKELY	1 LOW	1 LOW	2 MODERATE	3 HIGH	4 ACUTE	2M MODERATE	Ensure control measures in place.	Engineering Isolate the hazard	
RARE	1 LOW	1 LOW	2 MODERATE	3 HIGH	3 HIGH	1L LOW	Monitor and keep records.	Administrative Change	
								PPE	
Risk Rating & Required Action:								Notes on Hierarchy of Controls:	
4A Stop work. The risk is intolerable. Eliminate the hazard or redesign the activity before proceeding. A Safe Work Method Statement (SWMS) or higher-level authorisation is required.								Remember to apply controls in the preferred order shown by the coloured pyramid:	
3H Review and approve additional controls before the task starts. Senior supervisor sign-off needed.								1. Eliminate	
2M Ensure all nominated controls are in place and effective. Proceed with caution; monitor conditions.								2. Substitute	
1L Proceed, following standard operating procedures. Monitor and keep records.								3. Isolate	
								4. Engineering	
								5. Administrative	
								6. PPE	
Consequence Scale:								Always document why a lower-order control is accepted if elimination or substitution is not reasonably practicable.	
Consequence	People (injury/illness)		Project / Assets		Compliance / Reputation				
Catastrophic	Fatality or permanent total disability		project shutdown		Significant regulator intervention; criminal prosecution				
Major	Serious injury/illness (hospital > 5 days)		critical delay		Improvement notice; major media coverage				
Moderate	Medical-treatment injury; lost-time > 1 day		moderate delay		Minor breach; adverse client comment				
Minor	First-aid only, no lost time		negligible delay		Isolated non-conformance				
Insignificant	No injury		no schedule impact		Deviation caught and corrected on site				
								<i>aligned with Safe Work Australia's Managing the risk of fatigue at work (2023) and ISO 45001:2018 clauses 6–8.</i>	

JOB STEP	POTENTIAL HAZARDS	IR	CONTROL MEASURES	RR
SPECIFIC WORK STEPS	HAZARDS THAT MAY ARISE	INITIAL RISK	SPECIFIC MEASURES TO BE PUT IN PLACE TO ELIMINATE OR CONTROL THE RISKS	RESIDUAL RISK
1. Preparation	manual handling injuries, slips and trips	3H	<ul style="list-style-type: none"> - Conduct a site walk-through to identify potential hazards - Ensure all workers have been properly trained in manual handling techniques - Mark out work area and ensure it is free from debris and obstructions - Provide adequate lighting in work areas - Use appropriate tools for the preparation tasks - Encourage workers to use correct postures and techniques - Provide non-slip footwear for all workers - Clearly communicate the work plan to all team members - Ensure access to first aid kit and trained personnel - Ensure appropriate PPE is available and used 	2M
2. Delivery of Materials	vehicle collision, falling materials	4H	<ul style="list-style-type: none"> - Schedule deliveries at times that minimise traffic on site - Use trained and licensed operators for heavy vehicles - Ensure effective communication between delivery personnel and site workers - Establish designated unloading zones and mark them clearly - Use mechanical aids for unloading materials where possible - Implement spotters to assist with safe unloading - Secure materials properly during transit to prevent shifting - Enforce exclusion zones around delivery and unloading areas - Provide clear instructions on the unloading process - Ensure all workers use appropriate PPE during unloading 	3H
3. Excavation	cave-ins, hitting underground utilities	4A	<ul style="list-style-type: none"> - Conduct a site assessment and mark locations of utilities - Implement a trench safety plan including shoring or trench boxes - Ensure all workers are trained on safe excavation practices - Use competent personnel to supervise excavation work - Install fencing or barriers around the excavation site - Regularly inspect trench supports and shoring equipment - Provide emergency rescue equipment on site - Ensure communication device availability in case of emergency 	3H

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			<ul style="list-style-type: none"> - Maintain safe access and egress points - Monitor weather conditions and adjust work plans accordingly 	
4. Setting up Formwork	struck by falling formwork, formwork collapse	3H	<ul style="list-style-type: none"> - Erect formwork in a controlled manner, ensuring it is properly braced and supported. - Use proper tie-back techniques and ensure all connections are secure. - Avoid working under or near erected formwork. - Establish exclusion zones around the formwork area. - Inspect formwork regularly for signs of wear, damage, or instability. - Use fall protection when working at heights. - Ensure all workers are trained in formwork erection and safety procedures. - Use safety harness and lanyards when working on formwork. - Avoid carrying heavy loads while working on formwork. - Use proper lifting techniques when moving formwork components. - Keep work area clean and free of debris. - Use proper communication and coordination between workers. - Stop work immediately if any unsafe conditions are observed. 	2M
5. Plumbing and Electrical Rough-in	electrocution, plumbing leaks	3H	<ul style="list-style-type: none"> - De-energize and lock out electrical systems before working on them. - Use proper electrical safety procedures and PPE. - Test for voltage before working on electrical components. - Use proper plumbing techniques and ensure all connections are secure. - Use proper support and bracing for plumbing pipes and fixtures. - Avoid working in confined spaces without proper ventilation and safety measures. - Use proper fall protection when working at heights. - Ensure all workers are trained in plumbing and electrical safety procedures. - Use safety harness and lanyards when working on plumbing or electrical systems. - Avoid carrying heavy loads while working. - Use proper lifting techniques when moving heavy components. - Keep work area clean and free of debris. - Use proper communication and coordination between workers. - Stop work immediately if any unsafe conditions are observed. 	2M
6. Laying Reinforcement	injuries from sharp materials, reinforcement collapse	3H	<ul style="list-style-type: none"> - Use proper techniques for cutting and bending reinforcement bars. - Wear eye protection and gloves when handling sharp materials. - Ensure reinforcement is properly supported and braced. - Avoid working under or near erected reinforcement. - Establish exclusion zones around the reinforcement area. - Inspect reinforcement regularly for signs of wear, damage, or instability. - Use fall protection when working at heights. - Ensure all workers are trained in reinforcement laying and safety procedures. - Use safety harness and lanyards when working on reinforcement. - Avoid carrying heavy loads while working. - Use proper lifting techniques when moving heavy components. - Keep work area clean and free of debris. - Use proper communication and coordination between workers. - Stop work immediately if any unsafe conditions are observed. 	2M

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7. Concrete Pouring	skin irritation, concrete pump failure	4A		2M
8. Vibration	vibration injury, noise exposure	3H		2M
9. Finishing Surface	chemical exposure, slips and trips	3H		2M

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10. Curing Concrete	dehydration, deterioration of formwork	3H		1L
11. Removing Formwork	falling objects, manual handling injuries	3H		2M
12. Cleaning Site	sharp objects, chemical exposure	3H		1L

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13. Demobilisation	traffic accidents, equipment failure	3H		2M
14. Inspection	incomplete inspections, misidentification of risks	2M		1L
15. Feedback and Review	overlooked hazards, incomplete feedback	2M		1L

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SAMPLE

EMERGENCY RESPONSE – CALL 000 FOR EMERGENCIES

Ensure to have an Emergency Management Plan in place as well as adequate numbers of trained first aid staff with easy access to fully stocked first aid kits, rescue equipment, material safety data sheets, adequate access to emergency communication equipment and fire-fighting equipment suitable for all classes of fire and ignition sources.

LEGISLATIVE REFERENCES

RELEVANT LEGISLATION AND CODES OF PRACTICE. DELETE THE LEGISLATIVE REFERENCES IF ANY STATE THAT ARE NOT APPLICABLE

Queensland & Australian Capital Territory

Work Health and Safety Act 2011

Work Health and Safety Regulations 2011

Legislation QLD: <https://www.worksafe.qld.gov.au/laws-and-compliance/work-health-and-safety-laws>

Codes of Practice QLD: <https://www.worksafe.qld.gov.au/laws-and-compliance/codes-of-practice>

Legislation ACT: <https://www.worksafe.act.gov.au/laws-and-compliance/acts-and-regulations>

Codes of Practice ACT: <https://www.worksafe.act.gov.au/laws-and-compliance/codes-of-practice>

Victoria

Occupational Health and Safety Act 2004

Occupational Health and Safety Regulations 2017

Legislation VIC: <https://www.worksafe.vic.gov.au/occupational-health-and-safety-act-and-regulations>

Codes of Practice VIC: <https://www.worksafe.vic.gov.au/compliance-codes-and-codes-practice>

New South Wales

Work Health and Safety Act 2011

Work Health and Safety Regulations 2017

Legislation NSW: <https://www.safework.nsw.gov.au/legal-obligations/legislation>

Codes of Practice NSW: <https://www.safework.nsw.gov.au/resource-library/list-codes-of-practice>

Western Australia

Work Health and Safety Act 2020

Work Health and Safety Regulations 2022

Legislation Western Australia: <https://www.commerce.wa.gov.au/worksafe/legislation>

Codes of Practice WA: <https://www.commerce.wa.gov.au/worksafe/codes-practice>

Northern Territory

Work Health and Safety (National Uniform Legislation) Act 2011

Work Health and Safety (National Uniform Legislation) Regulations 2011

Legislation NT: <https://worksafe.nt.gov.au/laws-and-compliance/workplace-safety-laws>

Codes of Practice NT: <https://worksafe.nt.gov.au/laws-and-compliance/codes-of-practice>

Safe Work Australia Links

Law and Regulation (All States): <https://www.safeworkaustralia.gov.au/law-and-regulation>

Model Codes of Practice: <https://www.safeworkaustralia.gov.au/resources-publications/model-codes-of-practice>

Model Codes of Practice

- Managing noise and preventing hearing loss at work
- Confined spaces
- Labelling of workplace hazardous chemicals
- Managing risks of hazardous chemicals in the workplace
- Welding processes
- First aid in the workplace
- Managing the risk of falls at workplaces
- Hazardous manual tasks
- Managing the risk of falls in housing construction
- Managing electrical risks in the workplace
- Demolition work
- Excavation work
- Work health and safety consultation, cooperation and coordination
- Managing the work environment and facilities
- How to manage work health and safety risks
- Managing risks of plant in the workplace
- Construction work

South Australia

Work Health and Safety Act 2012 (SA)

Work Health and Safety Regulations 2012 (SA)

Legislation for SA: <https://www.safework.sa.gov.au/resources/legislation>

Codes of Practice for SA: <https://www.safework.sa.gov.au/workplaces/codes-of-practice#COPs>

Tasmania

Work Health and Safety Act 2012

Work Health and Safety (Transitional and Consequential Provisions) Act 2012

Work Health and Safety Regulations 2012

Work Health and Safety (Transitional) Regulations 2012

Legislation for TAS: <https://worksafe.tas.gov.au/topics/laws-and-compliance/acts-and-regulations>

Codes of Practice for TAS: <https://worksafe.tas.gov.au/topics/laws-and-compliance/codes-of-practice>

Details of permits, licenses or access required by regulatory bodies (add or delete as required):

- Permits from local council
- Authorisation to commence work
- Any required documents.